R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. (9-14)	DAY	YEAR	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	2722	037	02	19	75	28AH	3533	7522

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0014	09	09	13	991	Y	W	10

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
1	FG	SA	E	FT	151	—	11	030

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	00350	0000	0000	00000

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
							PO	DO
START	35°33'	75°22'	3444 1244	3421 4830	14		1059	1101
							PU	ON
FINISH	35°32'	75°22'	1233	4829	12		1131	1135

LENGTH WARF	SHIFT RPM	PITCH	GEAR DATA:
75	1150/6	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

BT Taken at beginning of Tow

Towed in circle - did not locate anchor tethers

OBSERVATIONS

Ground Truth of fathometer Targets.

Negative - Flounder

Positive - river herring and American shad (1)

128 Blueback (35#)

1 American shad (2.2#)

Digitized by the Internet Archive
in 2017 with funding from
IMLS LG-70-15-0138-15

https://archive.org/details/danmoore272200unse

R/V DAN MOORE SPECIES LIST

STA. NO. 2722 DATE 19 Feb 1975 BIOLOGISTS BFH, ASP

TOT. CATCH WT. 350 Finfish: 350 Crust.: 0 Moll.: 0 Other 0

AIR 13°C SURFACE 8.8 C Bott. 8.8 C (Thermistor)

Raising Factor = 6.630

SPECIES	CODE	NUMBER	WEIGHT	DATA TAKEN	REMARKS
Anadromous - [Alosa pestivalis]		128	35		KEPT (TOTAL)
American Shad		1	1.0 KG		KEPT F.L. 343 ♂ (TOTAL)
Subsample (1 Basket only)			47	16S	K8
Lelostomus xanthurus		175	24	156.7	71.2
Micropogon undulatus		138	22	143.3	65.2
Peprilus triacanthus		3	.45KG	6.5	2.9
Brevoortia tyrannus		1	.40 KG	5.7	2.6
		Total =	42.9 lbs	312.6	141.0
			21.7 KG		

Species: Blueback herring (Alosa aestivalis)

Station #	Date	Grid	Fork Length (mm)	Sex	Scales	Age	Spawning marks	Specimen #	REMARKS
2722	2/19/75	28AH	200	♀ Im	—	—	—	BB 197	
"	"	"	212	♂ Im	—	—	—	198	
"	"	"	172	♂ Im	—	—	—	199	
"	"	"	231	♂	—	—	—	200	
"	"	"	210	♀ Im	—	—	—	201	
"	"	"	242	♂	—	—	—	202	
"	"	"	232	♀ II	✓			203	
"	"	"	257	♀ III	✓			204	
"	"	"	217	♂	—	—	—	205	
"	"	"	229	♂	✓			206	
"	"	"	220	♀ III	—	—	—	207	
"	"	"	199	♂ Im	—	—	—	208	
"	"	"	236	♂	—	—	—	209	
"	"	"	186	♀ Im	—	—	—	210	
"	"	"	180	♀ Im	—	—	—	211	
"	"	"	178	♀ Im	—	—	—	212	
"	"	"	205	♀ Im	—	—	—	213	
"	"	"	235	♂	—	—	—	214	
"	"	"	202	♂ Im	—	—	—	215	
"	"	"	212	♀ Im	—	—	—	216	
"	"	"	210	♂	—	—	—	217	
"	"	"	220	♂	—	—	—	218	
"	"	"	203	♂ Im	—	—	—	219	
"	"	"	215	♂	—	—	—	220	
"	"	"	233	♂	—	—	—	221	
"	"	"	217	♂ Im	—	—	—	222	
"	"	"	178	♂ Im	—	—	—	223	
"	"	"	210	♂ Im	—	—	—	224	
"	"	"	217	♂	—	—	—	225	
"	"	"	165	♂ Im	—	—	—	226	
"	"	"	213	♂	—	—	—	227	
"	"	"	208	♂	—	—	—	228	
"	"	"	206	♀ Im	—	—	—	229	
"	"	"	182	♂ Im	—	—	—	230	
"	"	"	175	♀ Im	—	—	—	231	
"	"	"	208	♀ Im	—	—	—	232	
"	"	"	223	♂ Im	—	—	—	233	
"	"	"	227	♀ I	✓			234	
"	"	"	228	♀ I	—	—	—	235	
"	"	"	235	♂	—	—	—	236	
"	"	"	220	♂	✓			237	
"	"	"	182	♀ Im	—	—	—	238	
"	"	"	217	♀ Im	—	—	—	239	
"	"	"	210	♀ Im	—	—	—	240	
"	"	"	225	♀ Im	—	—	—	241	
"	"	"	221	♀ Im	—	—	—	242	
"	"	"	246	♀ II	—	—	—	243	
"	"	"	204	♀ Im	—	—	—	244	
"	"	"	175	♀ Im	—	—	—	245	
"	"	"	205	♀ Im	—	—	—	246	
"	"	"	200	♀ Im	—	—	—	247	

Species: Blueback herring (Alosa aestivalis)

Station #	Date	Grid	Fork Length (mm)	Sex	Scales	Age	Spawning marks	Specimen #	REMARKS
2722	2/19/75	28AH	206	♀ Im	—	—	—	BB 146	
"	"	"	222	♂	—	—	—	147	
"	"	"	257	♀ I	—	—	—	148	
"	"	"	212	♂	—	—	—	149	
"	"	"	203	♀ Im	—	—	—	150	
"	"	"	225	♀ Im	—	—	—	151	
"	"	"	237	♀ II	—	—	—	152	
"	"	"	211	♂ Im	—	—	—	153	
"	"	"	212	♂	—	—	—	154	
"	"	"	250	♀ II	✓			155	
"	"	"	210	♂	—	—	—	156	
"	"	"	185	♀ Im	—	—	—	157	
"	"	"	206	♂ Im	—	—	—	158	
"	"	"	211	♀ Im	—	—	—	159	
"	"	"	220	♂	—	—	—	160	
"	"	"	208	♀ Im	—	—	—	161	
"	"	"	219	♂	—	—	—	162	
"	"	"	235	♀ I	—	—	—	163	
"	"	"	230	♂	✓			164	
"	"	"	223	♂	—	—	—	165	
"	"	"	182	♂ Im	—	—	—	166	
"	"	"	238	♂	✓			167	
"	"	"	223	♀ I	—	—	—	168	
"	"	"	205	♂ Im	—	—	—	169	
"	"	"	210	♂ Im	—	—	—	170	
"	"	"	215	♀ Im	—	—	—	171	
"	"	"	217	♀ Im	—	—	—	172	
"	"	"	215	♂ Im	—	—	—	173	
"	"	"	231	♀ I	—	—	—	174	
"	"	"	217	♀ Im	—	—	—	175	
"	"	"	212	♀ Im	—	—	—	176	
"	"	"	155	♀ Im	—	—	—	177	
"	"	"	242	♂	—	—	—	178	
"	"	"	214	♀ Im	—	—	—	179	
"	"	"	195	♀ Im	—	—	—	180	
"	"	"	238	♀ I	—	—	—	181	
"	"	"	242	♀ I	✓			182	
"	"	"	235	♀ III	✓			183	
"	"	"	210	♀ Im	—	—	—	184	
"	"	"	209	♀ Im	—	—	—	185	
"	"	"	205	♀ Im	—	—	—	186	
"	"	"	199	♂ Im	—	—	—	187	
"	"	"	215	♀ Im	—	—	—	188	
"	"	"	192	♀ Im	—	—	—	189	
"	"	"	201	♂ Im	—	—	—	190	
"	"	"	226	♀ I	—	—	—	191	
"	"	"	190	♀ Im	—	—	—	192	
"	"	"	210	♂	—	—	—	193	
"	"	"	175	♀ Im	—	—	—	194	
"	"	"	179	♀ Im	—	—	—	195	
"	"	"	200	♀ Im	—	—	—	196	

Species: ~~Anchoa~~ Atherinops affinis

Station #	Date	Haul	Fork Length (mm)	Sex	Series	Age	Specimen tag marks	Specimen #	REMARKS
2722	2/19/75	28 AH	230	♂	—	—	—		
"	"	"	230	♀ III	—	—	—		
	"		210	♀ Im	—	—	—		
"	"	"	211	♂ Im	—	—	—		
"	"	"	176	♂ Im	—	—	—		
"	"	"	200	♂ Im	—	—	—		
"	"	"	220	♂	—	—	—		
"	"	"	216	♀ Im	—	—	—		
"	"	"	210	♂ Im	—	—	—		
"	"	"	230	♀ I	—	—	—		
"	"	"	215	♂ Im	—	—	—		
"	"	"	230	♂	—	—	—		
"	"	"	210	♂ Im	—	—	—		
"	"	"	208	♂	—	—	—		
"	"	"	215	♂ Im	—	—	—		
"	"	"	205	♀ Im	—	—	—		
"	"	"	203	♂ Im	—	—	—	2641	
"	"	"	218	♀ Im	—	—	—	2651	
"	"	"	200	♂ Im	—	—	—		
"	"	"	208	♂ Im	—	—	—		
"	"	"	245	♀ III	—	—	—		
"	"	"	255	♀ III	✓				
"	"	"	222	♂	—	—	—		
"	"	"	220	♂	—				
"	"	"	250	♀ I	—				
"	"	"	210	♂	—	—	—		

Also see American Shad

F.L. Frequency Distribution — STATION # 2722

Blueback herring (Alosa aestivalis) — Total # 128 - 35 lbs

range:	female (♀) 155 - 257		male (♂) 165 - 242		UNK
120 - 124					
125 - 129					
130 - 134					
135 - 139					
140 - 144					
145 - 149					
150 - 154					
155 - 159	II	(2)			
160 - 164					
165 - 169			I	(1)	
170 - 174			I	(1)	
175 - 179	𝍸	(5)	II	(2)	
180 - 184	II	(2)	II	(2)	
185 - 189	II	(2)			
190 - 194	II	(2)			
195 - 199	I	(1)	II	(2)	
200 - 204	𝍸	(5)	𝍸 I	(6)	
205 - 209	𝍸 IIII	(9)	𝍸	(5)	
210 - 214	𝍸 III	(8)	𝍸 𝍸 IIII	(14)	
215 - 219	𝍸 II	(7)	𝍸 III	(8)	
220 - 224	III	(3)	𝍸 III	(8)	
225 - 229	𝍸	(5)	II	(2)	
230 - 234	𝍸	(5)	𝍸	(5)	
235 - 239	III	(4)	IIII	(4)	
240 - 244	I	(1)	II	(2)	
245 - 249	II	(2)			
250 - 254	I	(1)			
255 - 259	II	(2)			

Feb. 1975

	II	III
110		
120		
130		
140		
150		
160		
170		
180		
190		
200		
210		
220	𝍸 ② 𝍸 ⑦ = 9	𝍸 ② 𝍸 ⑦ = 9
230	𝍸 ④ 𝍸 ⑦ = 11	𝍸 ⑤ 𝍸 ⑩ = 15
240	𝍸 𝍸 ⑦ 𝍸 𝍸 𝍸 = 34	𝍸 𝍸 𝍸 𝍸 ㉑ 𝍸 𝍸 𝍸 ㉗ = 48
250	𝍸 𝍸 ⑥ 𝍸 𝍸 = 28	𝍸 𝍸 𝍸 𝍸 ㉖ 𝍸 𝍸 𝍸 ㉞ = 55
260	𝍸 ② ① ② = 4	𝍸 𝍸 𝍸 ⑬ 𝍸 𝍸 ㉞ = 37
270		𝍸 ① 𝍸 ⑤ = 6

STATE OF NORTH CAROLINA
DEPARTMENT OF
NATURAL AND ECONOMIC RESOURCES

MEMORANDUM

DATE: _____

TO: _____

SUBJECT: _____

53 ve 53 90

Morehead faction	Washington faction	Agree	
3+1=5	3+0=4		
3+0=4	3+6=4	✓	
3+2=6	3+1=5		
4+0=5	4+0=5	✓	
4+0=5	4+0=5	✓	
4+0=5	4+0=5	✓	
4+0=5	4+0=5	✓	
2+2=5	3+0=4		
2+1=4	2+1=4	✓	
2+3=6	3+3=7		
5+1=7	4+1=6		one less annulus
3+1=5	3+1=5	✓	
6+0=7	4+0=5		
3+4=8	4+3=8		interpretation of spawn mark
4+0=5	3+0=4		one less annulus
5+1=7	4+1=6		one less annulus
5+0=6	4+0=5		one less annulus
4+0=5	4+0=5	✓	
4+2=7	4+2=7	✓	
4+0=5	3+0=4		one less annulus
3+3=7	3+3=7	✓	
4+1=6	4+1=6	✓	
4+1=6	4+1=6	✓	
5+0=6	3+0=4		two less annuli
3+1=5	3+1=5	✓	
3+2=6	5+0=6		interp. of spawn mark
4+2=7	3+2=6		one less annulus
3+3=7	3+3=7	✓	
3+2=6	3+2=6	✓	
4+0=5	4+0=5		
4+0=5	4+0=5		
2+3=6	3+2=6		interp. of spawn mark
3+2=6	3+2=6	✓	
3+0=4	3+0=4	✓	
3+2=6	3+2=6	✓	
4+0=5	4+0=5	✓	
6+0=7	4+0=5		two less annuli
4+1=6	4+1=6	✓	
4+1=6	3+2=6		spawn mark interp.
4+3=8	4+3=8	✓	
5+0=6	3+0=4		two less annuli
4+0=5	4+0=5	✓	
3+2=6	3+2=6	✓	
4+2=7	4+2=7	✓	
6+0=7	3+0=4		three less annuli
4+0=5	3+0=4		one less annuli
2+4=7	3+2=6		spawn mark interp.
3+3=7	3+3=7	✓	
5+0=6	5+0=6	✓	
5+0=6	4+0=5		one less annulus
4+0=5	4+0=5	✓	
3+1=5	3+1=5	✓	
4+0=5	3+0=4		one less annulus